



HOVIS Genie

User's Guide

www.dongburobot.com

This user's guide maybe changed without notice to reflect product upgrade or other changes to the product.

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Part 01

Let's meet HOVIS Genie

Hovis Genie Package 1 (Pre-assembled)

HOVIS Genie



Hovis Genie



Remote Control



Charger (For Robot)



Charging Station (For Robot)



Carrying Case



User's Manual



MID

Adapter

USB Cable

Earphone

Battery

MID Components

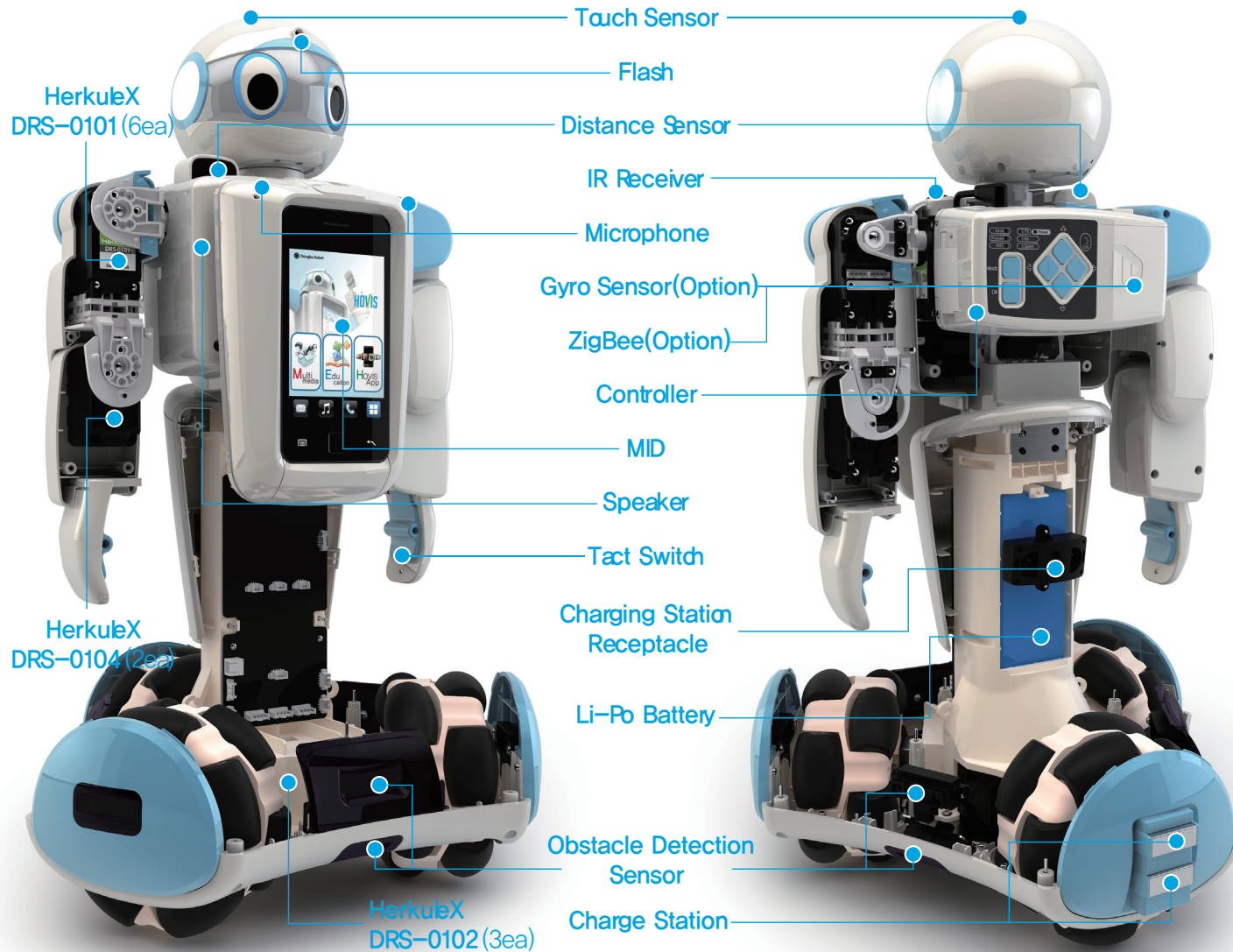
※ Check Hovis Genie package 1 components. (MID is comprised of 1 unit)

Part 01

Let's meet HOVIS Genie

Hovis Genie Package 2 (Kit)

HOVIS Genie



Carrying Case



Charging Station



Charger (For Robot)



MID



Adapter



USB Cable



Earphone



Battery



User's Manual



Assembly Manual

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PART 03

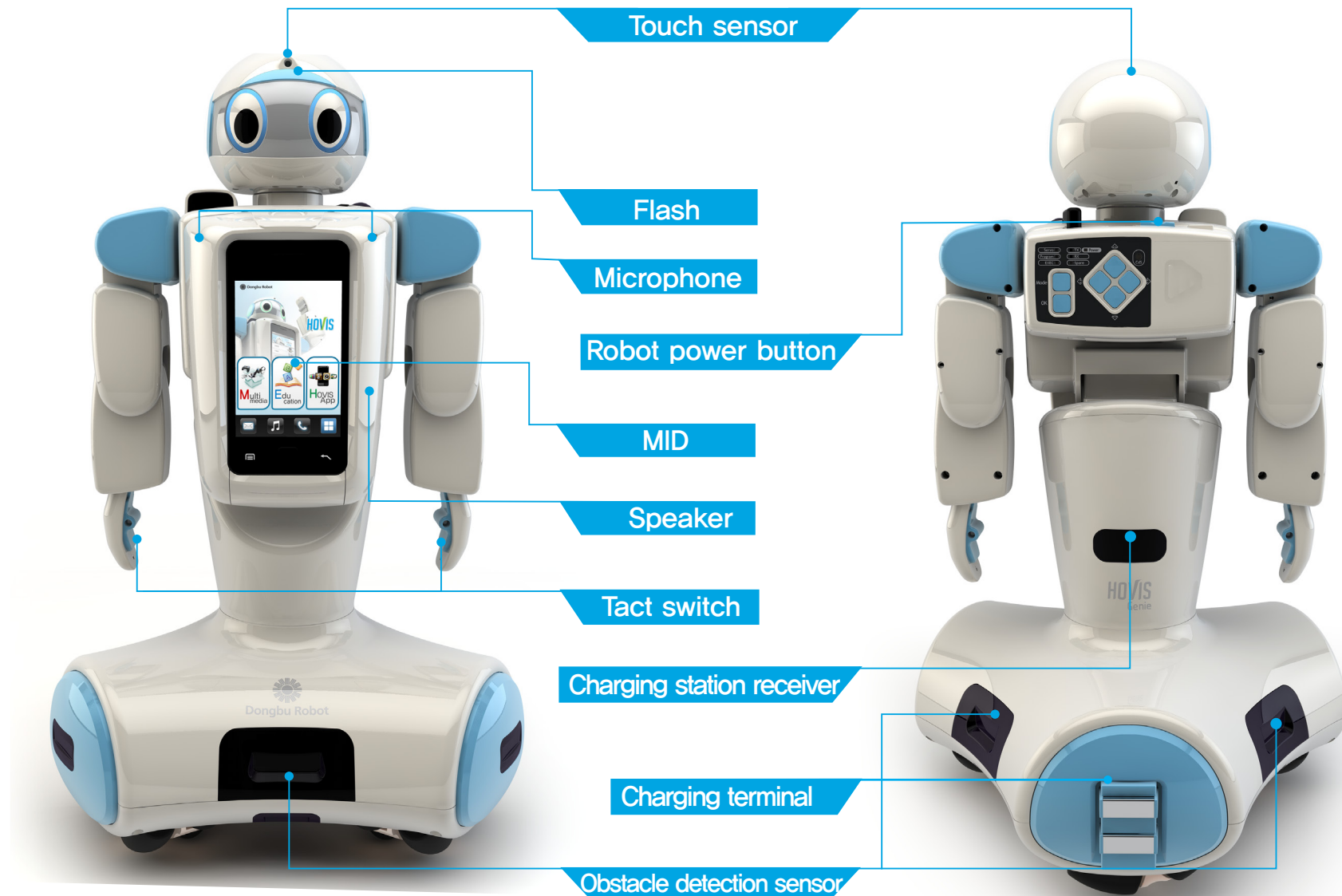
PART 04

※ Check Hovis Genie package 2 components. Kit type can be assembled by following separate assembly

Part 01

Let's meet HOVIS Genie

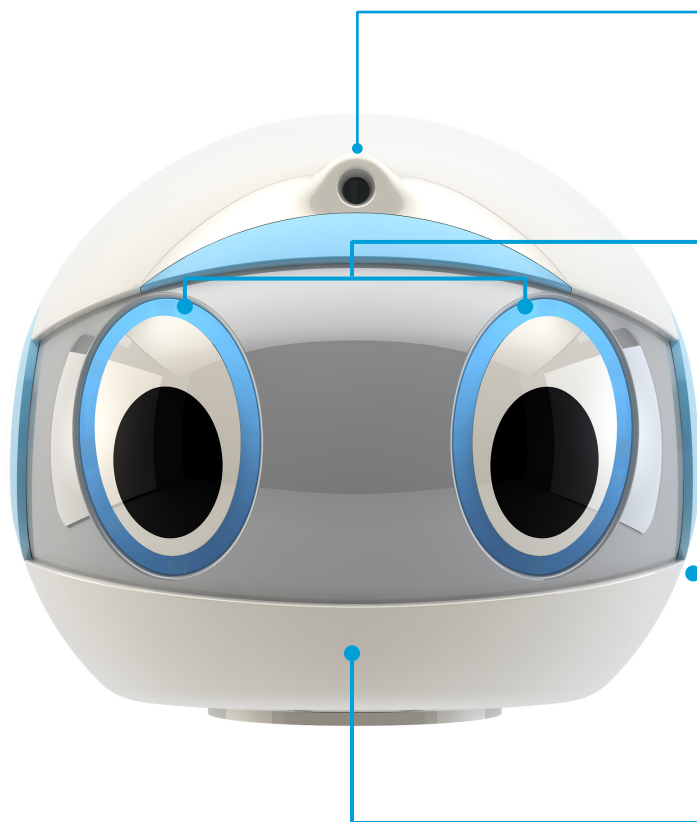
Understanding Hovis Genie 1



Part 01

Let's meet HOVIS Genie

Understanding Hovis Genie 2



Robot power button

Genie will feel and react to head stroke or touch.

Genie will pause for certain period when head is touched during the autonomous mode movement.

Eye(LED)

When Genie is being charged, color around the eyes will change to different color depending on the charge state.

- Charge complete : Blue
- Charging : Red
(Red line will grow as Genie becomes charged)

Ear(LED)

- Both ears are normally(autonomous/stop mode) lit with white LED (does not blink).
- LEDs will blink when in speech recognition mode.

Mouth(LED)

1~3 white LEDs will blink while Genie is talking or when the mood changes.

Part 01

Let's meet HOVIS Genie

Starting Hovis Genie

1 Turning Robot Power On/Off

Slide the power switch at the back of the robot to turn on/off the robot.



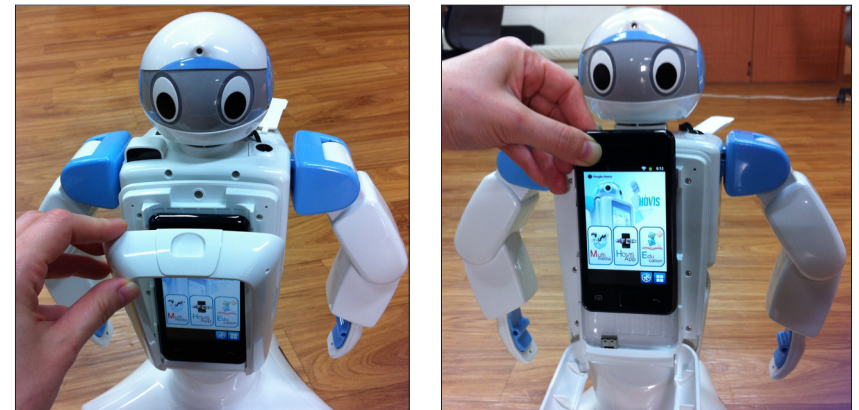
2 Turning Screen Power On/Off

Open the front cover and press the MID power button for 3s to turn On/Off power.



3 Detaching/Attaching MID From The Robot

MID can be detached after opening the front cover. To reattach MID, insert MID into the connection jack and close the front cover.



Part 01

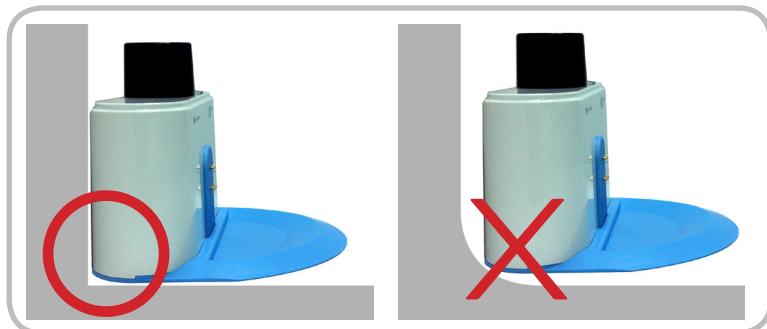
Let's meet HOVIS Genie

Charging

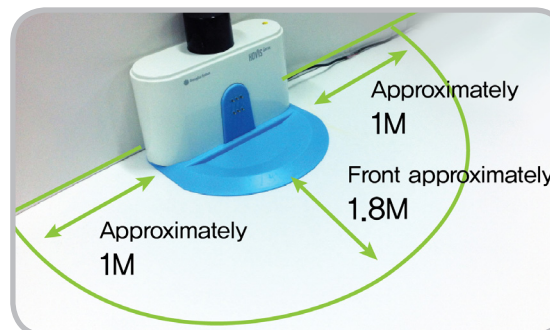
For proper usage of HOVIS Genie, please fully charge the robot before first operation after purchase. Insufficient power may lead malfunction of the robot. We recommend "Manual charge 1" described on page 10 for the first charging method.

1 Charging Station Setup

1 Setup the charging station at a location similar to.



※Against flat wall on flat surface. In same direction as the wood grain when placing on wood floor.



※Away (L/R 1M, front 1.8M) from obstacles and dangerous area where robot can fall.

2 Plug the power cable into the wall socket.

– Arrange the power cable against the wall so that it will not interfere with Genie's movement.



3 Attach the charging station against the wall to prevent it from shifting.

(If charging station shifts, clean the adhesive area at bottom of the station or use double sided tape.)

※ Station should be always plugged into the wall socket. Genie will not be able to recharge automatically if station power is off.

Part 01

Let's meet HOVIS Genie

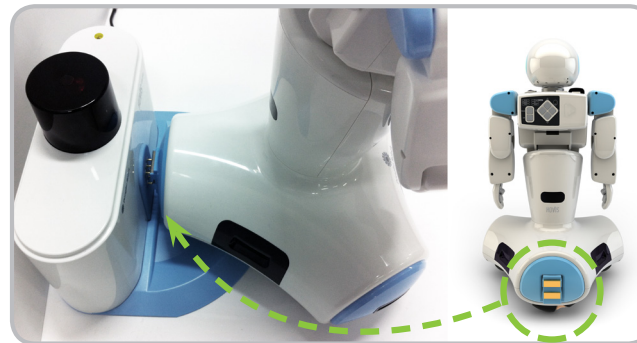
Charging

2 Charging The Robot Manually

1 Manual charging method



※Manual charging method1 :
Charger (For robo) can be directly
connected to Genie's shoulder.



※Manual charging method2 :
Connect Genie charging terminal at the back to the
charging station terminal.(Charging will start even if only
one terminal comes in contact.)



※Manual charging method3 :
Press the remote control button
and the robot will move to the
charging station.

2 Robot status during manual and automatic charging.

※Once the robot connects to the charging station and starts to charge,
robot will go into sleep mode to decrease the charge time.

※If robot power is on and charging is complete, robot will detach itself from the station and start autonomous movement
(when set to autonomous mode time, refer to Page 26)

※Battery charge status
(Except manual charging method 1)



〈Battery charging : Eye LED red〉
(Red line around the eyes will
grow as battery becomes charged)



〈Battery charged : Eye LED blue〉

※ Manual charging method 1 : When charger (for robot) is connected to Genie's shoulder, eye LED will not show charge status. Also, robot will automatically switch to stop mode.
※ Manual charging method 3 : Robot will remain at the charging station after the charge is complete when remote control command is used to charge the robot. This method comes in handy when robot will not be used for long time. Robot will switch to autonomous movement mode when user touches the screen. (When set to autonomous movement time).

3 Charging MID

1 Charging MID together with the robot

- MID will be charged together with the robot when robot is being charged at the charging station with MID attached.

2 Charging MID and the robot separately

- Charge robot using the charging station and the detached MID using the MID charger.

3 MID charge status is shown by the image at the top. Also, when remote control button(battery status button) is pressed, Genie will use voice announcement to state the robot and MID battery status.

4 Automatic charging during operation

Indicates need for battery charge when battery level runs low during operation.

1 During App execution

- Robot will ask whether it should charge the battery. When **[Charge]** is selected, robot will move to the charging station for automatic charge. When **[Charge later]** is selected, robot will go back to the previous mode.

2 During autonomous movement

- When set to **[Menu>Setup] > [Automatic]**, robot will move directly to the charging station without any notice. When set to **[Manual]**, robot will ask whether it should charge the battery. When **[Charge]** is selected, robot will move to the charging station for automatic charge. When **[Charge later]** is selected, robot will go back to the previous mode. (Refer to Page 26)

3 Robot will not charge automatically when it is in stop mode(.

Cancel the stop mode to allow the robot charge automatically.

5 Charging & Operating time

	Charging Time	Operating Time (condition: LCD/WiFi/Media play-ON)
MID	2~3 hrs	1hr 30min ~ 2hr
Robot	2~3 hrs	1hr 30min
Robot + MID	3~4 hrs	1hr

※ Automatic charging may not work if the robot and the charging station are at two different locations.

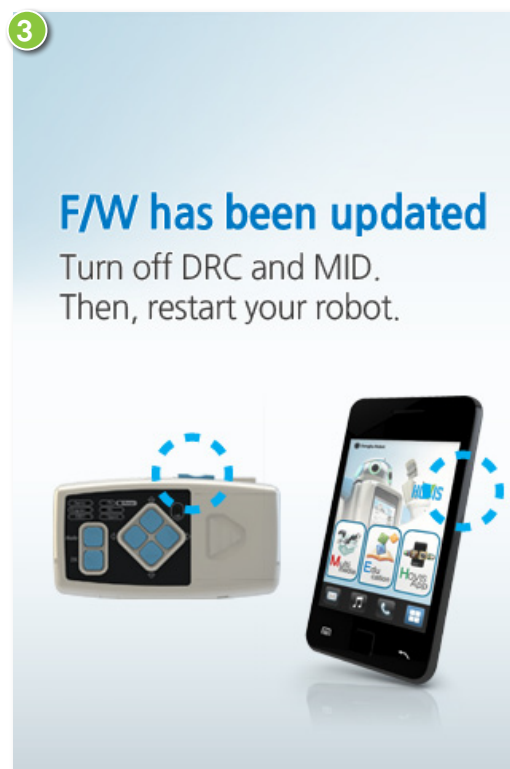
※ **<Warning> To prevent the robot from falling and damaging it self, make sure robot is on flat surface before starting automatic recharge.**

Part 01

Let's meet HOVIS Genie

Updating

- 1 Genie will ask for confirmation to update the software when new version becomes available.
- 2 Press **[Confirm]** to begin updating. Window will open up showing software update is in progress.
- 3 Robot and MID has to be rebooted to apply the updated software.



Part 01

Let's meet HOVIS Genie

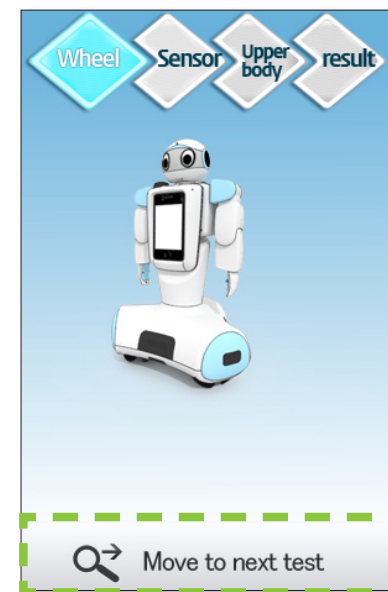
Self test (Kit)

Self test feature enables the user to test the user assembled Genie.

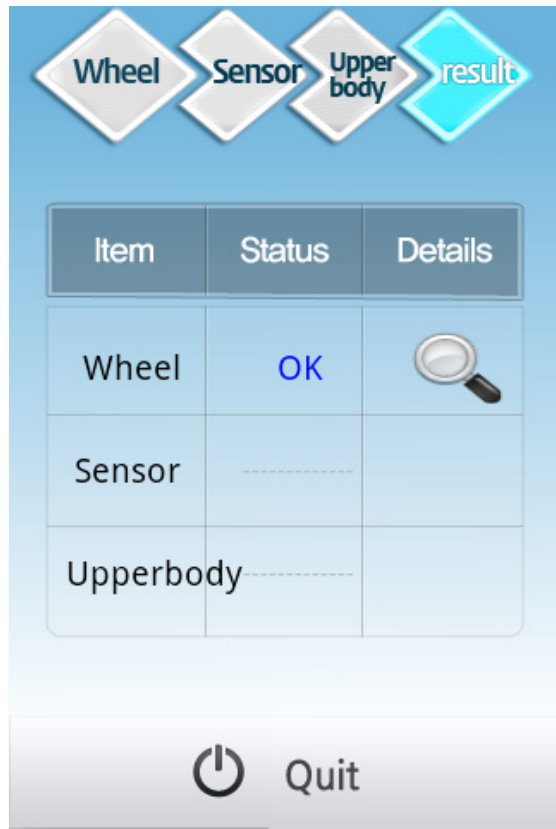
- 1 From the home screen, press [HOVIS App] and then [Self test]. Press [Start] at the bottom when self test instruction screen opens. Test will be performed in the following sequence; wheel → sensor → upper body.



- 2 Follow the voice and screen instructions to test the robot. If problem is detected, test can be repeated to verify the error or malfunction.
- 3 Press [Next test] when current test is complete.



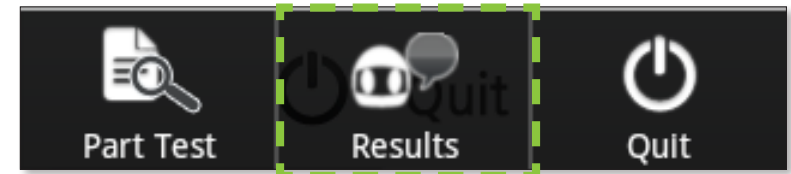
- 4 Test results are shown after all the tests are complete. If problem was detected, click “detail” link to view detailed decscription of the problem and information on how to reslove it.



- 5 To perform individual test , press the menu button and then press [\[Individual test\]](#) to select desired test to perform.



- 6 To find out the robot status during the test, press the menu button and then press [\[Current robot status\]](#) to open the result screen shown in #4.



02

Become friend's with HOVIS Genie



- 16 Basic operation
- 19 Home screen
- 20 Menu>App download
- 21 Menu>Favorite
- 22 Menu>Robot registration
- 26 Menu>Setup
- 27 WiFi setup
- 28 Remote control

Part 02

Become friend's with Hovis Genie

Basic Operation

1 Button Description

1 Power button

Turns On/Off MID power.

2 Home button

Press the home button to move to the Hovis home screen.
Pressing the home button for longer period will show the list of most currently used Apps.

3 Menu button

Shows the connected menus which can be executed from the current screen.

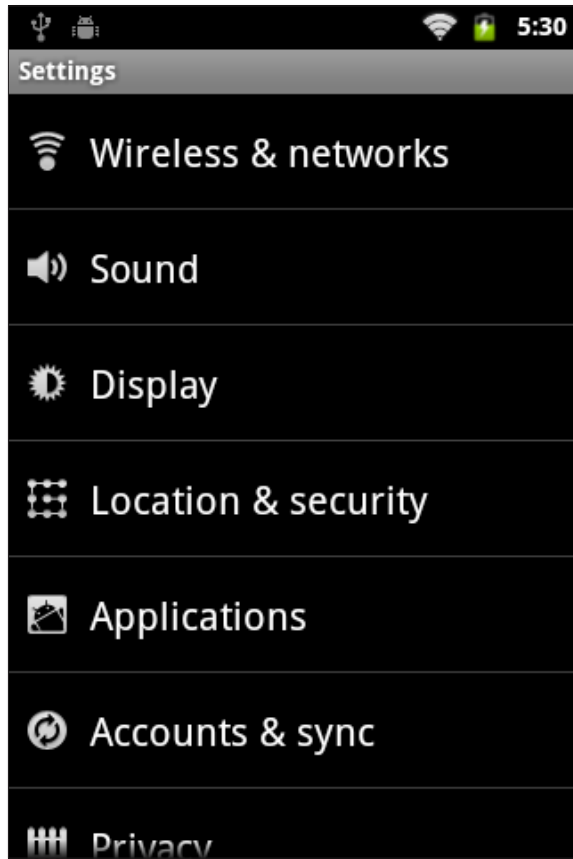
4 Cancel button

Cancels the current screen and moves back to previous screen.



2 Scroll drag

Slide the finger upwards from the bottom to see the rest of content titles



3 Text Input

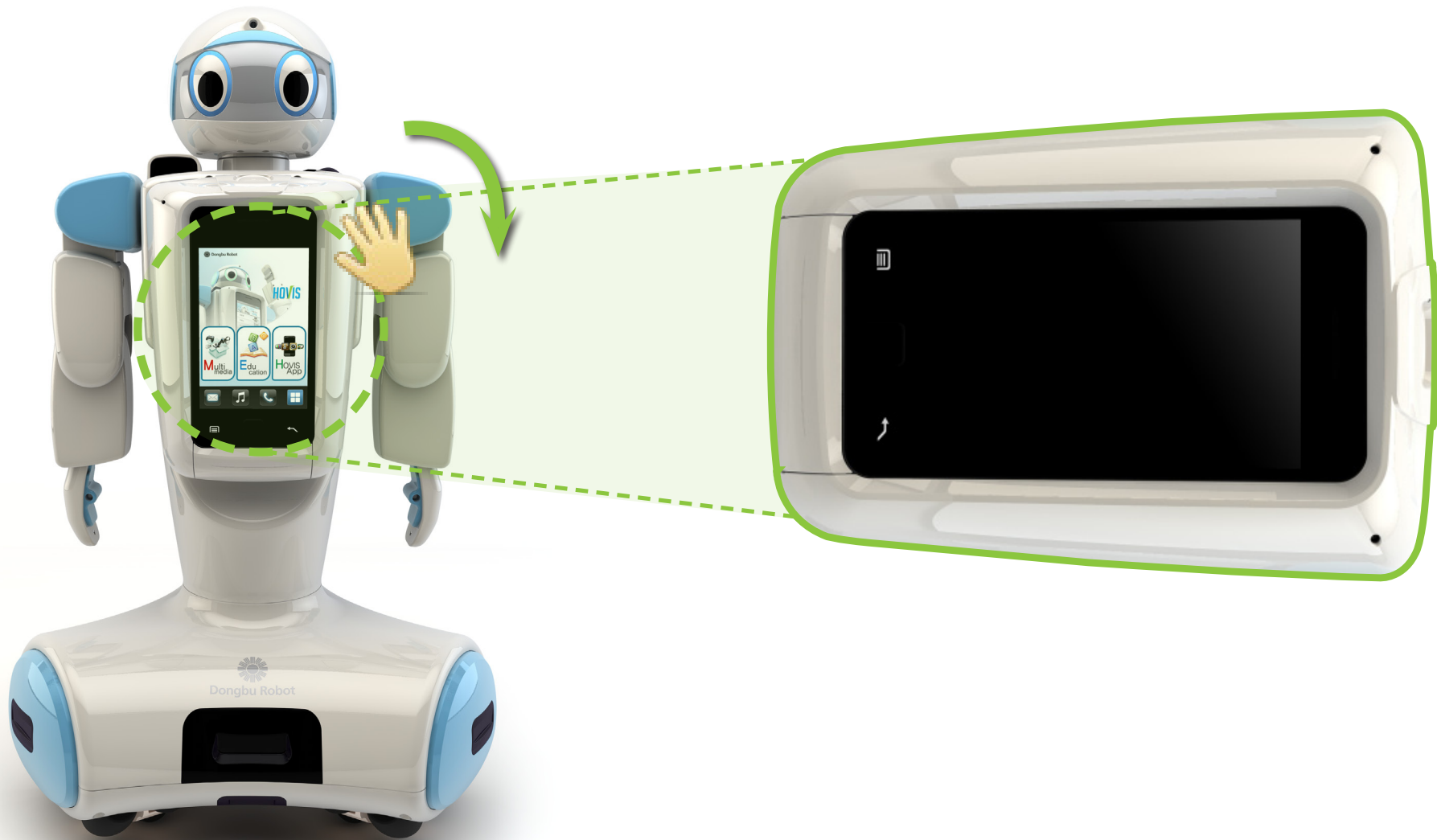
Use same type of keypad used in many smartphones to input text.



4 MID Screen Rotation

To view the video content in landscape mode, rotate the MID case 90 ° to the right (clockwise direction).

Video will be adjusted automatically to landscape mode.



- ※ Make sure to rotate MID to landscape mode if the content being run supports only landscape.
- ※ Some contents may not convert to portrait or landscape mode.

Part 02 | Become friend's with Hovis Genie

Home Screen



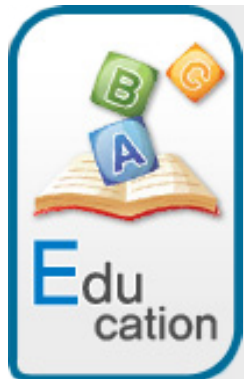
Multimedia

Consists of camera, gallery, MP3 player, and recorder.



HOVIS App

Consists of morning info, remote control, and weekly security.



Education

Children's education content menu consisting of children's story, songs, poems, and basic living habits.



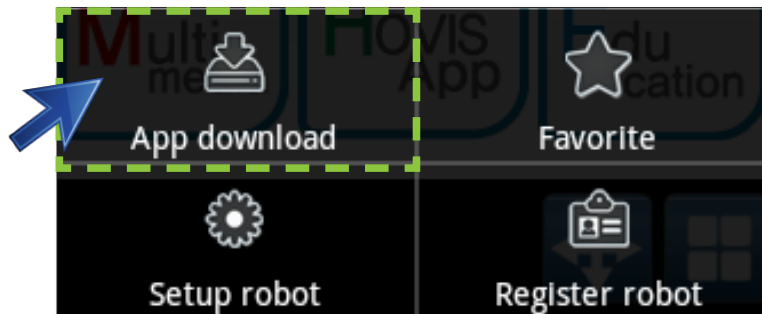
Part 02

Become friend's with Hovis Genie

Menu>App Download

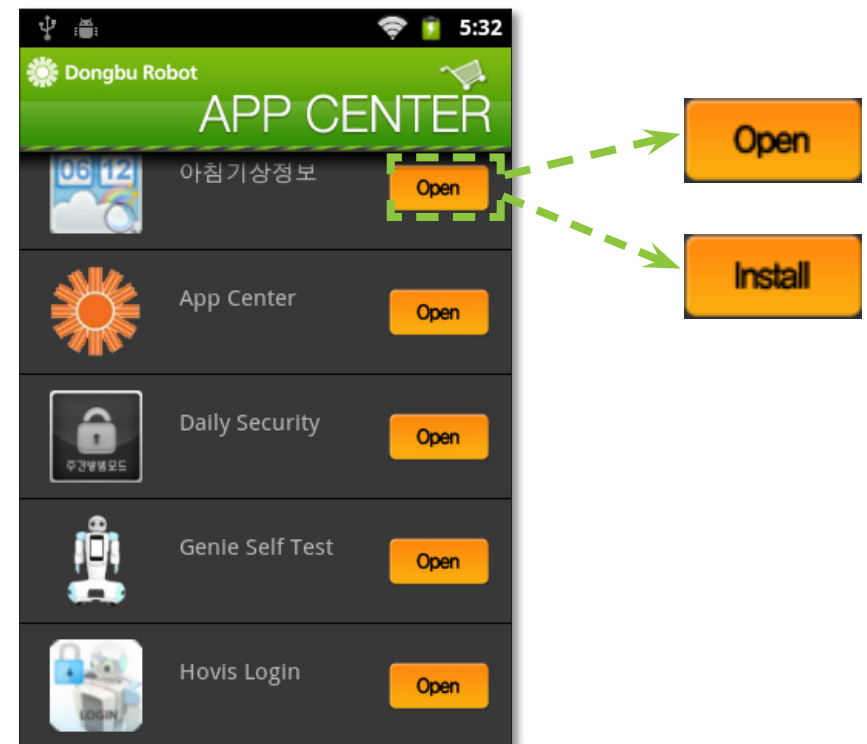
Download New Apps.

- 1 Press menu button and then [App download].
- 2 Select app to download and press [Download].



- 3 Button changes to [Open] when download is complete. Press [Open] to run the downloaded App.
If button changes to [Install], press confirm to install the App.
Button will change to [Open] once the installation is complete.

- 4 Downloaded Apps can be checked at [Home—HOVIS App].



Part 02

Become friend's with Hovis Genie

Menu\Favorite

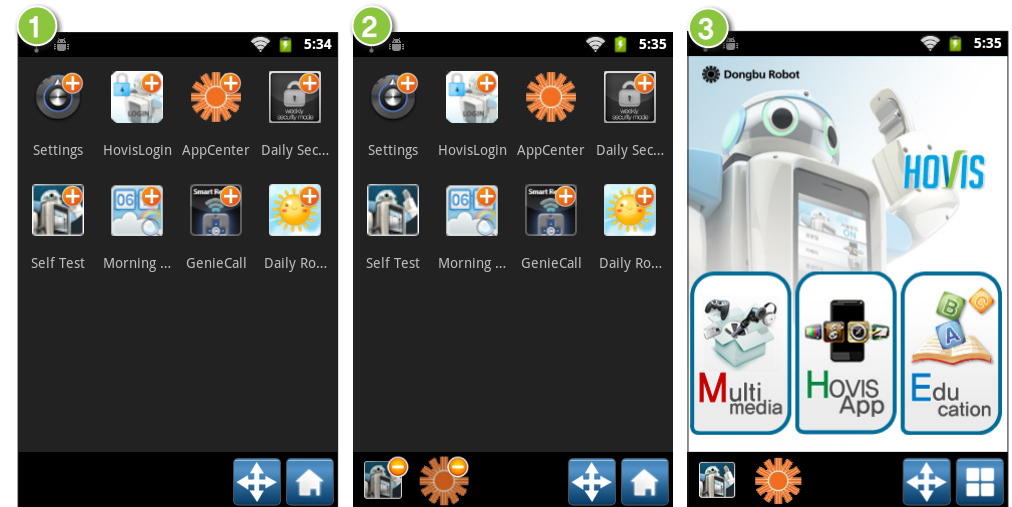
Add/delete favorite Apps to the bottom of the home screen.



- 1 Press menu button and then press [Favorite].



- 2 Press [+] found on top of the icons at the upper screen to add App to the Favorite. Pressing [-] will delete an App from the Favorite.
- 3 Pressing the [Home button] or [Cancel button] on MID will complete the editing and switch to home screen.



Part 02

Become friend's with Hovis Genie

Menu>Robot Registration

1 Robot Registration : Robot and the user must be registered in order to operate the robot.

- 1 If the robot has not been registered, robot registration screen will open when the robot is turned on.

2 Input sequence

- 1 Input the serial number found at bottom of the robot.
- 2 Input ID and the password.
- 3 Input cell phone (smart phone) number to use as ID when ID is lost or forgotten.
- 4 Input password hint and an answer which will be used to recover lost or forgotten password.
- 5 Input cell phone (smart phone) numbers (up to 10)from which remote control of robot is allowed.
- 6 Press **[Save]** to save input, Login screen will appear once the input is saved.

Home > Register robot

HOVIS Register robot

ID

PASSWORD

☐ Save ID ☐ Find password

☐ Set automatic login

Login Find ID Find password

Register robot if ID not available Register robot

Home > Register robot

HOVIS Register robot

1 Robot S/N

2 ID Duplicate check

Password

Reenter-Password

☐ Accept license agreement View license agreement

Next Create new

Home > Register robot

HOVIS Register robot

3 Find ID Enter your phone number

4 What is your motto?

5 Enter correct answer

6 Phone number for remote control

Robot can be controlled remotely from registered number. Currently, remote control is possible only from android phones.

6 Save Create new

Home > Register robot

HOVIS Register robot

ID

PASSWORD

☐ Save ID ☐ Find password

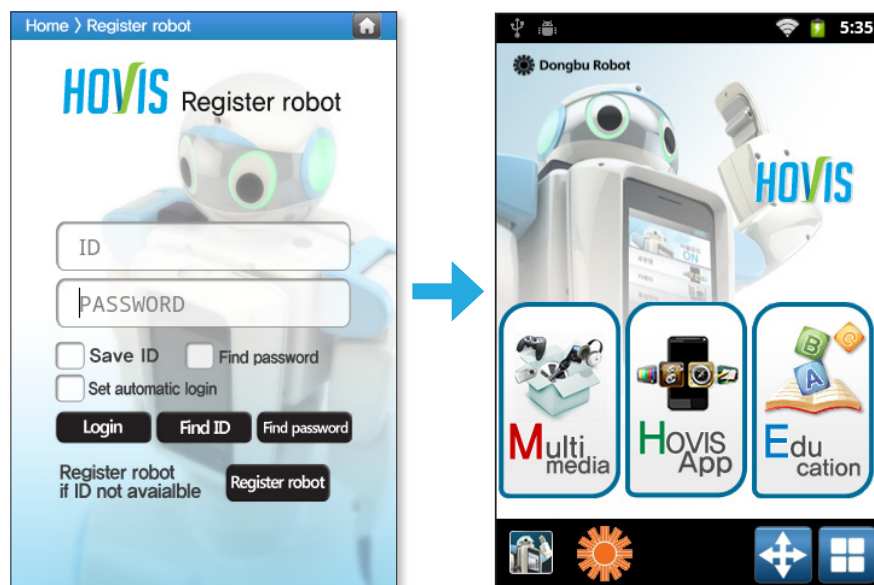
☐ Set automatic login

Login Find ID Find password

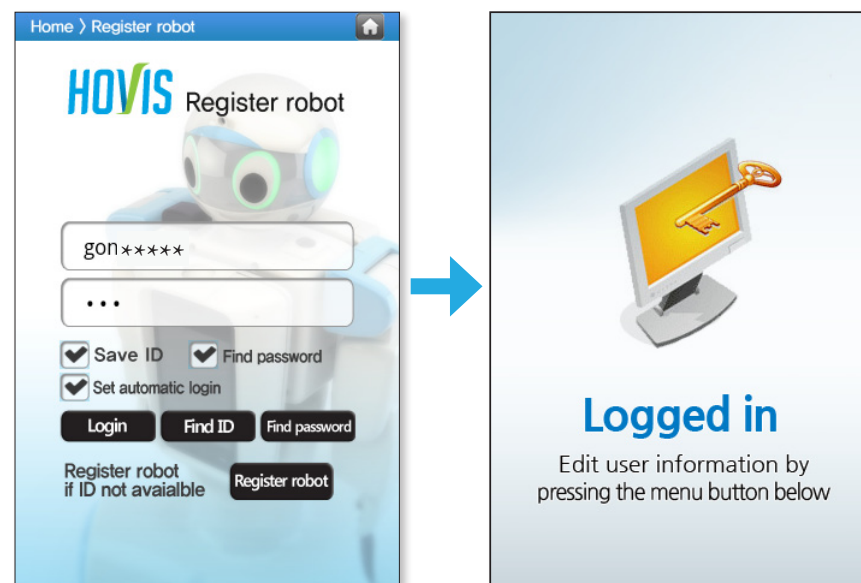
Register robot if ID not available Register robot

2 Login : Login screen or automatic login after registration.

- 1 Input registered ID and password and press [\[Login\]](#) to access home screen.



- 2 User will be logged in automatically after power on if automatic login is selected.



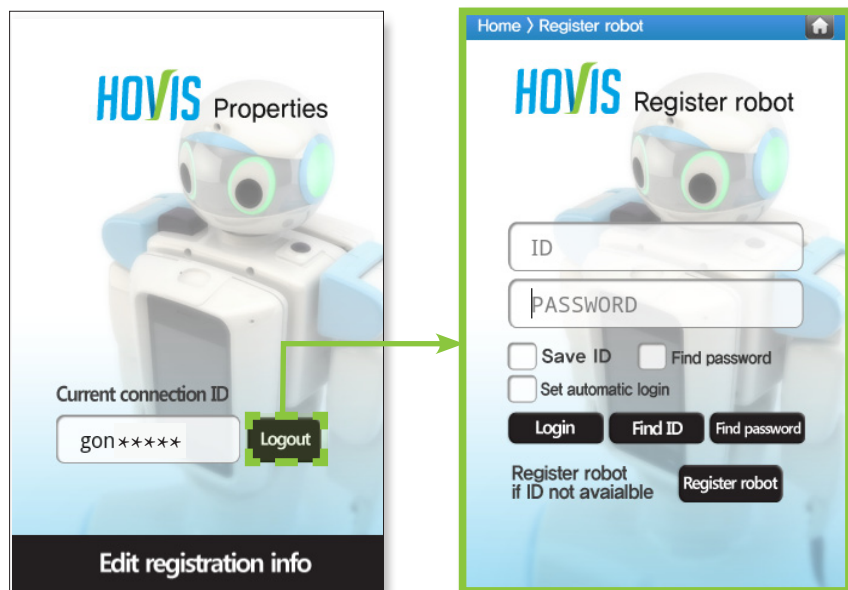
- 3 To register new ID, press [\[Robot registration\]](#) to open the registration screen. Input original serial number, new ID, and password to create another ID. Multiple IDs can be used. (Refer to Page 22)

※ User will not be able to login without Wi-Fi connection. Connect to Wi-Fi first and then press the login button in home screen to login (Refer to Page 27).

3 Logout & Logging in with another ID

1 Press menu button and then press [\[Robot registration\]](#).

2 Screen shows connected ID. Pressing [\[Logout\]](#) will logout current user and login screen will open.



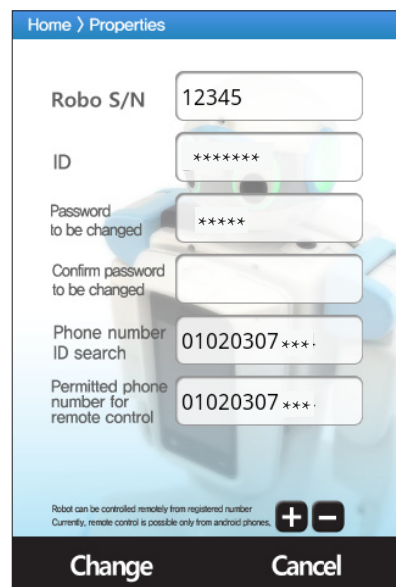
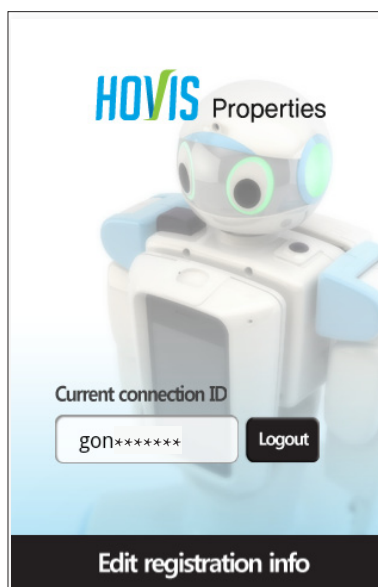
3 Input new ID and the password and press [\[Login\]](#).



Registration Information Edit : Edit previously entered registration information such as robot serial number, ID, and password.

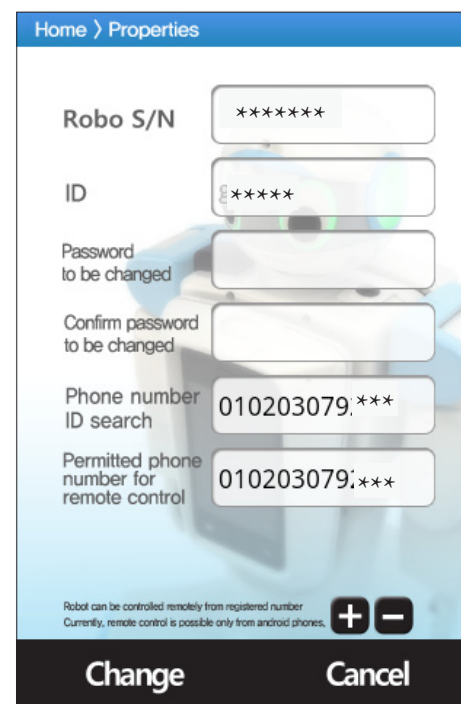
1 Press menu button and then press [Robot registration].

2 Press the [Registration Information Edit] at the bottom to open the password input window.



3 Enter the previously registered password to open the registration information edit window.

Edit the registration information such as the robot serial number, ID, password, ID replacement cell phone number, and smart phone numbers for remote control.



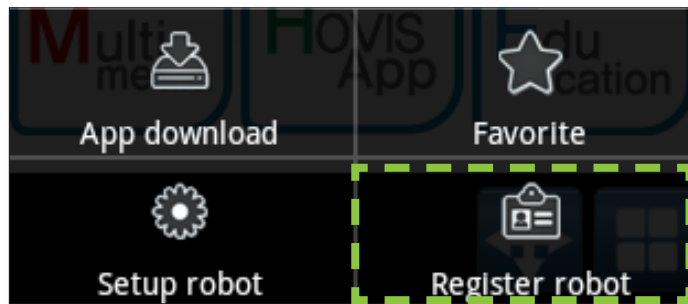
4 Pressing [Change] after editing the desired information will save the edited registration information and open the login window.

Part 02 | Become friend's with Hovis Genie

Menu>Setup

Setup volume, speech recognition, autonomous mode time, and etc.

- 1 Press menu button and then press [Setup].



2 Setup category

- 1 Volume : Adjust robot sound to desired level.
- 2 TTS language : Default language is Korean.
- 3 Speech recognition mode : When set to ON, robot will respond to recognized speech.
- 4 Autonomus mode : When set to automatic, robot will operate in autonomous mode during designated time. When set to maual, robot will only operate in autonomous mode if it is given command using the remote control.
- 5 Autonomous mode time : Robot will operate in autonomous mode only during the set time (0~23hr).

- 3 Press [Save] button to save changes to setup.

Pressing [Cancel] button will cancel any changes and switch to home screen.





Part 02

Become friend's with Hovis Genie

WiFi Setup

Genie has to be connected to WiFi to take full advantage of installed Apps.

- 1 Press **[Shortcut]** () found in Favorite area.
- 2 Go to **[Setup-Wireless & Network]** and make sure there is a check mark on **[Wi-Fi]**.
- 3 Press **[Wi-Fi setup]** and select a network with strong signal .



Shortcut

Part 02

Become friend's with Hovis Genie

Remote Control

Using the remote control to control Hovis Genie.

Stop mode

Wheel stop[ON/OFF]

Charging/autonomous mode/battery

F1 Manual charging(Robot moves to the charging station/Cancels autonomous mode)
F2 Run autonomous mode
F3 Check battery level

Robot movement control

Left turn

Robot movement

OK	Stop
▲	Forward
▼	Backward
◀	Move left
▶	Move right

Mute

Robot motion

1+OK (Love You)	6+OK (Wave both arms)
2+OK (Kiss Kiss)	7+OK (Turn+Love You)
3+OK (Taekwondo)	8+OK (Turn right)
4+OK (Dance)	9+OK (Turn left)
5+OK (Exercise)	0+OK (Attention)

Robot movement control

Right turn

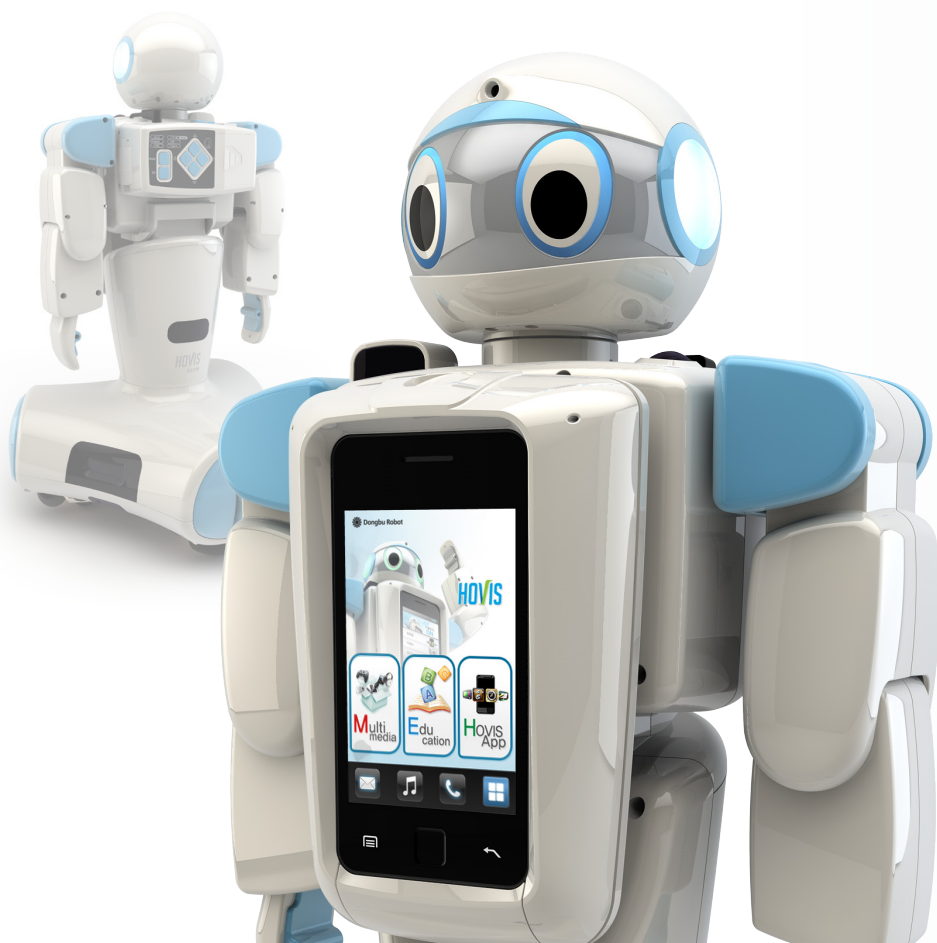
P3 head flash ON/OFF



※ Robot will come to a stop if it does not receive an input within 3s and go back to previous mode if no input is received within 10s after coming to a stop. (Except when in autonomous mode time, Refer to Page 26)

※ Touch MID screen or press 'Autonomous mode' button () on the remote control to go back to the autonomous mode if autonomous mode was cancelled due to manual charging.

03 Play With HOVIS Genie



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- 36 Recorder
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- 45 Remote control
- 51 Weekly security
- 52 Children's story
- 53 Children's song
- 54 Children's poem

Part 03

Play With Hovis Genie

Autonomous Mode

Genie can move by itself, stop when it meets an obstacle, and respond to human touch.

Shoulder

90° auto rotation

Arm

180° auto rotation in outward direction

Elbow

90° bend in inward direction

Palm hole

For inserting small stick or flag

Neck

L/R 90° auto rotation

Waist

14° bend forward/backward

Hand tactile switch

Can be clicked manually

Foot(wheel)

L/R & F/B 360° rotation, autonomous movement



1 When Genie meets an obstacle

When Genie meets an obstacle while moving, Genie will turn and move towards another direction.

2 Responses to head touch

- 1 Genie will react with pleasure if it is stroked on the head.
- 2 Genie will react with displeasure if it is hit on the head.

3 When hungry

Genie will start automatic recharge when battery level falls below 20%.

4 Action based on time

- 1 In the morning, Genie will ask about today's weather and wish you a nice day.
- 2 During lunch, Genie will announce lunchtime and ask if you have had lunch yet.
- 3 In the evening, Genie will ask about today's weather and ask how you spent your day.
At 9PM, Genie will say it's almost time for bed and at 10PM, Genie will ask to get ready for bed and show action simulating face washing or brushing teeth.

5 Autonomous action

Acting bored, expressing love, playing cute, asking time, playing alone, stretching, scratching it's head, exercising, conducting, and other actions and speech.

6 Action when hand tactile switch is clicked

- 1 **Left hand click** – Genie will greet you with 'hello' or kiss you to express positive feeling towards you.
- 2 **Right hand click** – Genie will make a motion similar to looking at a wrist watch and tell you the current time and the day.
- 3 **Both hands click** – Place small bouncy ball between Genie's hands and Genie will lift the ball above it's head and throw the ball to you.

Part 03 | Play With Hovis Genie

Speech Recognition

Genie will recognize and respond to various voice commands and statements related to charging, greeting, movement, special action, emotional statement, and etc.

Ear LEDs will blink when Genie is in speech recognition mode and ready to receive input.

Type	Emotional	Greeting	Move	Special action	Function
Command	Genie, love you	Genie, hello	Genie, left turn	Genie, dance	Genie, charge
	Genie, cute	Genie, happy to see you	Genie, right turn	Genie, wash face	Genie, goodnight
	Genie, good job	Genie, name	Genie, forward	Genie, brush teeth	Genie, morning info
	Genie, handsome		Genie, backward	Genie, bath	Genie, weekly security
	Genie, bored			Genie, clap	
				Genie, shake	
				Genie, exercise	
				Genie, lift hands	
				Genie, pause	
				Genie, turn	
				Genie, shake head	

※ Speech recognition may not work properly when Wi-Fi connection is unstable, there is lots of background noise, MID microphone is more than 50cm away, or when words are not spoken


Part 03 | Play With Hovis Genie

Camera

Camera is used to take photos and videos.

- 1 Press [Multimedia] from the home screen and then press [Camera].



- 2 Press  to take photo/video.
Photos and videos are automatically saved in the gallery.



Select desired effect

- 3 Press image on the right to open the gallery screen.



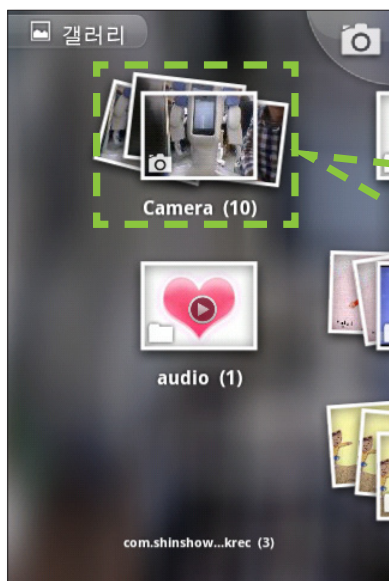
Part 03

Play With Hovis Genie

Gallery(Data Management)

Photos and videos taken by the camera can be checked in the gallery.

- 1 Press [Multimedia] from the home screen and then press [Gallery].
- 2 Press camera folder and then select the image you want to see.



Data management method

〈 Saving MID data in PC 〉

- 1) Use USB cable to connect MID to the PC.
- 2) Drag top of the MID screen to the bottom.
- 3) Press 'USB connected'.
- 4) Press 'Use USB storage'.
- 5) Open portable storage folder (F) from the PC.
- 6) Find and open 'dongbu' folder.
- 7) Open desired folder.
- 8) Select files to be transferred and save in PC.
- 9) Press 'USB storage not used' in MID screen.
- 10) Disconnect USB cable connecting MID to PC.

〈 Saving PC data in MID 〉

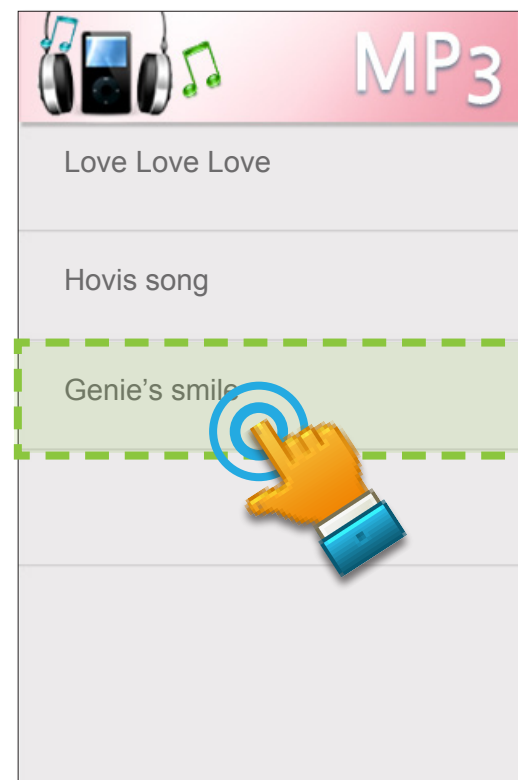
- 1) Use USB cable to connect MID to the PC.
- 2) Drag top of the MID screen to the bottom.
- 3) Press 'USB connected'.
- 4) Press 'Use USB storage'.
- 5) Open portable storage folder (F) from the PC.
- 6) Find and open 'dongbu' folder.
- 7) Select files to be transferred and save in MID.
- 8) Press 'USB storage not used' in MID screen.
- 9) Disconnect USB cable connecting MID to PC.

Part 03 | Play With Hovis Genie

MP3 Player

Download music files to MID and listen to music.

- 1 Press [Multimedia] from the home screen and then press [MP3 player].
- 2 List of content files (mp3) saved in Hovis Genie will be shown. Select desired content.



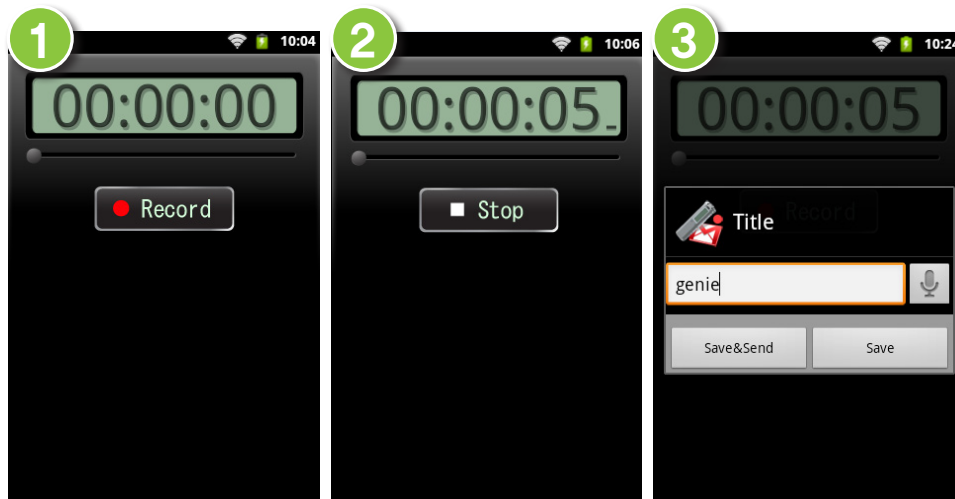
Part 03

Play With Hovis Genie Recorder

Use the recorder to record and play back sound.

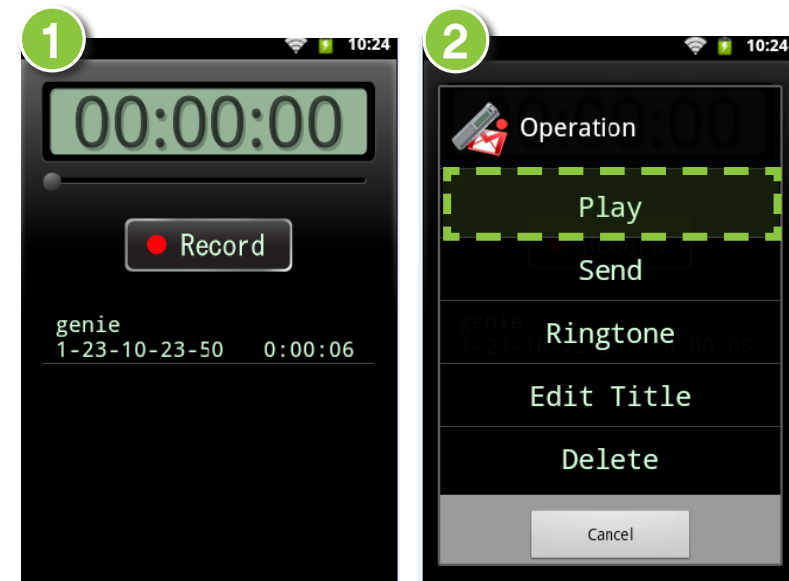
1 Recording

- 1 Press [Multimedia] from the home screen and then press [Recorder].
- 2 [Record] Recording will start when the button is pressed, [Stop] Recording will stop when the button is pressed.
- 3 Save the recorded file by selecting a file name.



2 Play Recorded File

- 1 Select the recording to play back.
- 2 Press [Play] to play back the recorded file.



Part 03 | Play With Hovis Genie

Morning Info

Genie can provide customized morning service and information such as morning alarm, weather and temperature information, google schedule, and etc.

(Please note that English version for this function will be updated soon. You can update HOVIS Genie simply by downloading update patch from Donbu website then.)

Mr. Dongbu's morning.



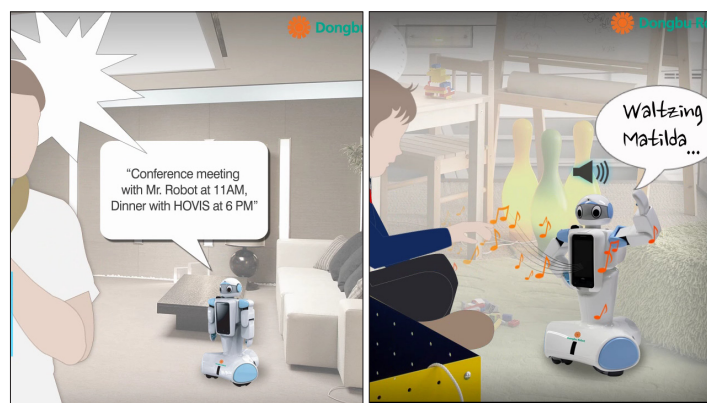
1
Genie is waking Mr.Dongbu up in the morning using the alarm schedule, sound, and motion set previously.



2
Genie will move around until Mr. Dongbu wakes up and touches Genie's head to turn off the alarm.



3
Genie is informing Mr.Dongbu about today's weather. Weather report can be local or other designated location.



4
Genie is using registered google account to read today's schedule to Mr.Dongbu.Genie can also wake up Mr. Dongbu's son!

※ If 2nd alarm goes off while Genie is in the midst of morning alarm & info, first alarm will stop and the 2nd alarm will run.

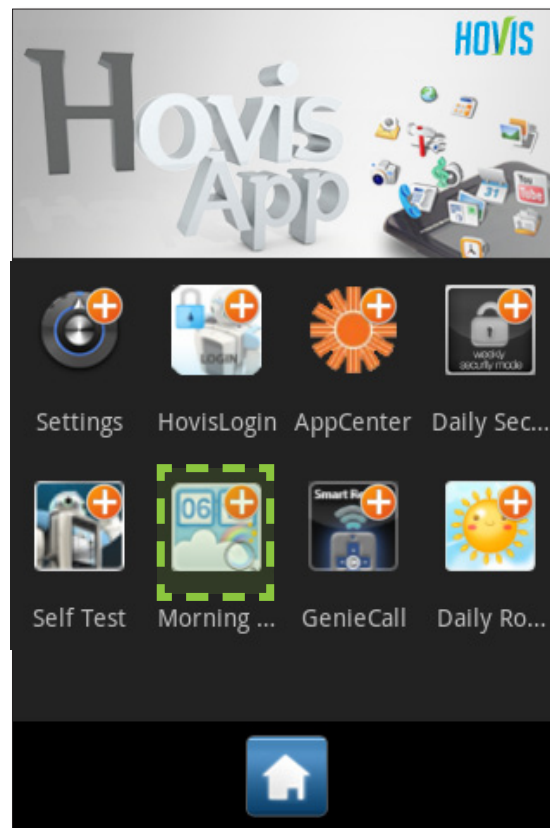
Part 03

Play With Hovis Genie

Morning Info (View)

Monring info runs in the morning at an alarm time.
Morning info can also be viewed at anytime to check the alarm time and other information.

- 1 Press [HOVIS App] from the home screen and then press [Morning info].



- 2 Press [View] to check the morning info for individual user.
This screen can also be used to check the alarm time, weather, and schedule.

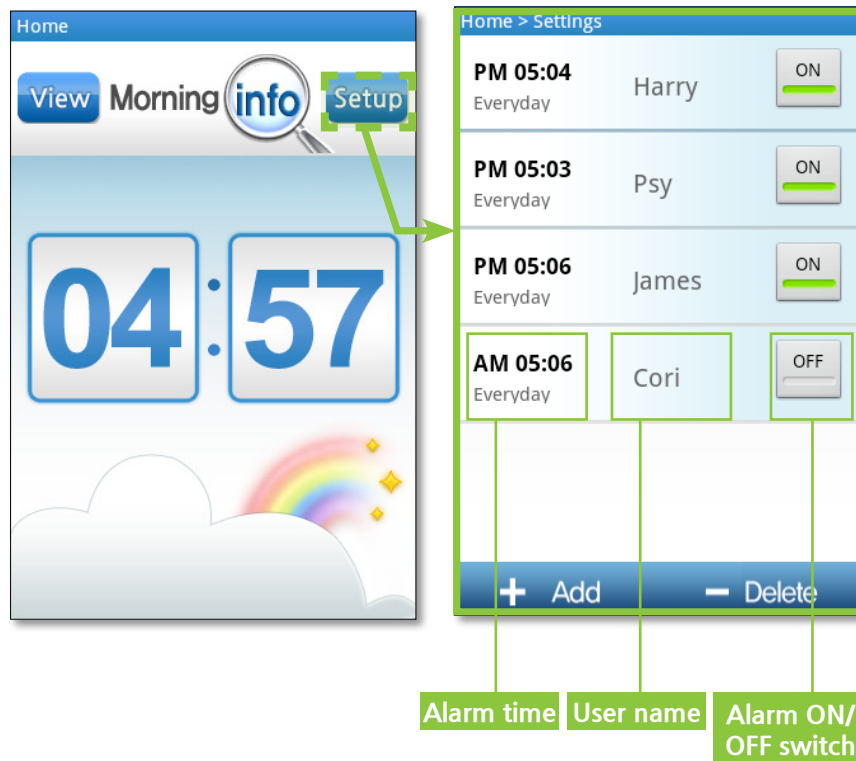


Part 03 | Play With Hovis Genie

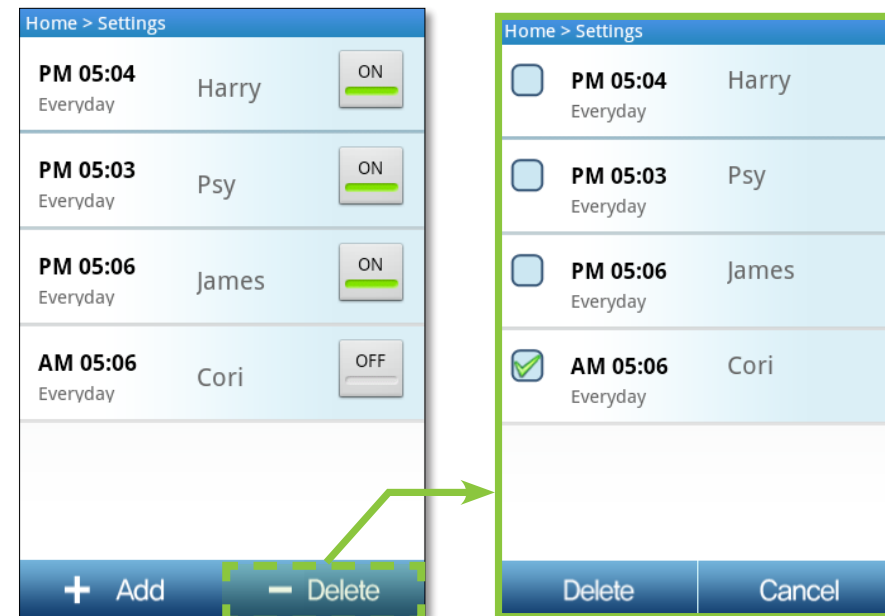
Morning info (setup)

1 User list check and user delete.

1 Press **[Setup]** to open the list of users using morning info,

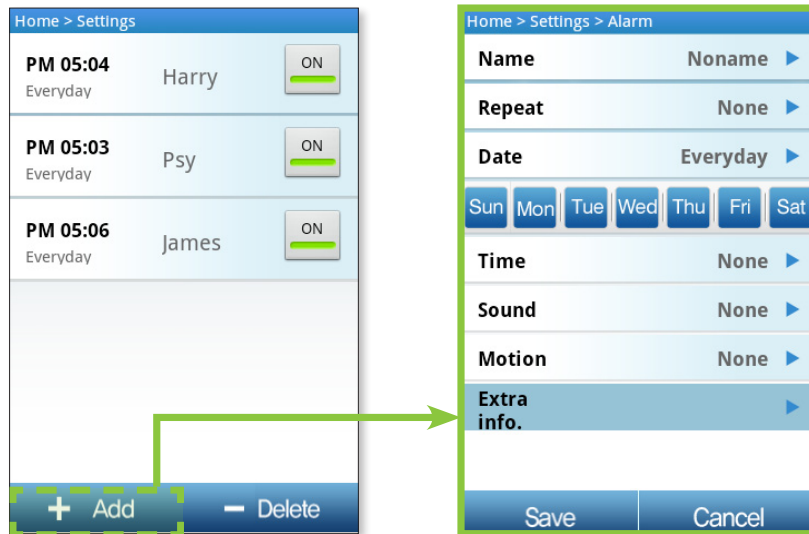


2 Press **[delete]** to delete selected user from the list.

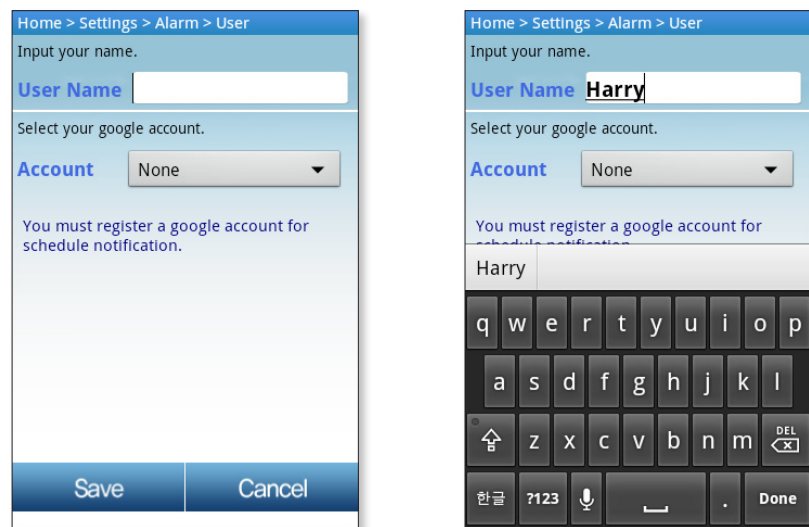


2 Add user > Input user name

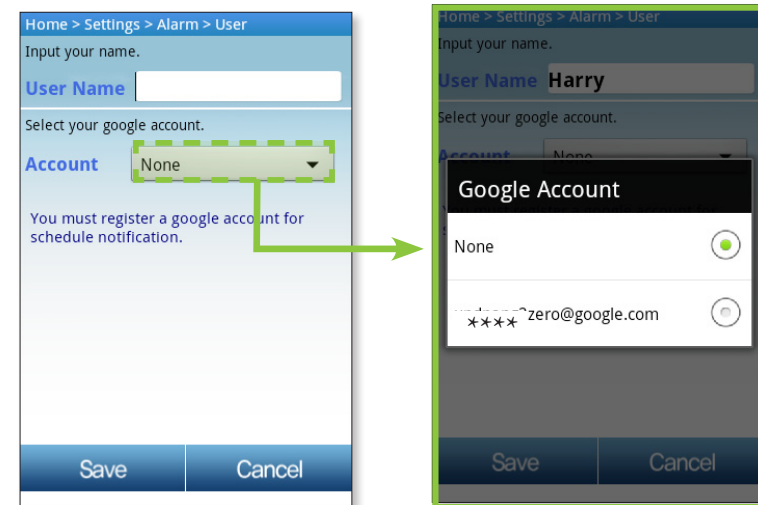
- 1 Press **[Add]** to add new use.



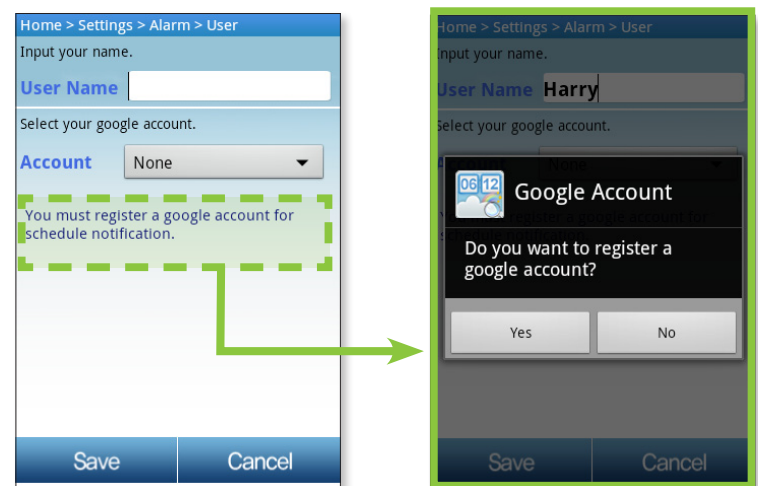
- 2 Input new user name in the space beside 'User name'.



- 3 Press Google account and select an account from the list.



- 4 Touch (Warning) to add an existing account.
Press **[Yes]** when Google account registration message comes up and then select **[Setup]**. Account can be added from **[Setup – Accounts & Syncs – Add account]**.



It is important to put "m.google.com" in "server" section for proper Google registration.

3 Add user > Setup alarm and Genie motion

- 1 Variety of different types of alarm format can be selected.
- 2 Setup Genie sound and motion to be run when alarm rings.

Home > Settings > Alarm

Name Harry ▶

Repeat Every 2 mins ▶

Date Everyday ▶

Sun Mon Tue Wed Thu Fri Sat

Time PM 05:04 ▶

Sound None ▶

Motion None ▶

Extra info. ▶

Save Cancel

- 3 Sound and motion list.

1 Alarm list

Alarm Sound James

None ☒

캐논 ☐

캉캉 ☐

반짝반짝 작은 별 ☐

말울음소리 ☐

Confirm Cancel

2 Motion list

Motion James

선택안함 ☒

도망가기(추락주의) ☐

돌아다니면서 만세 ☐

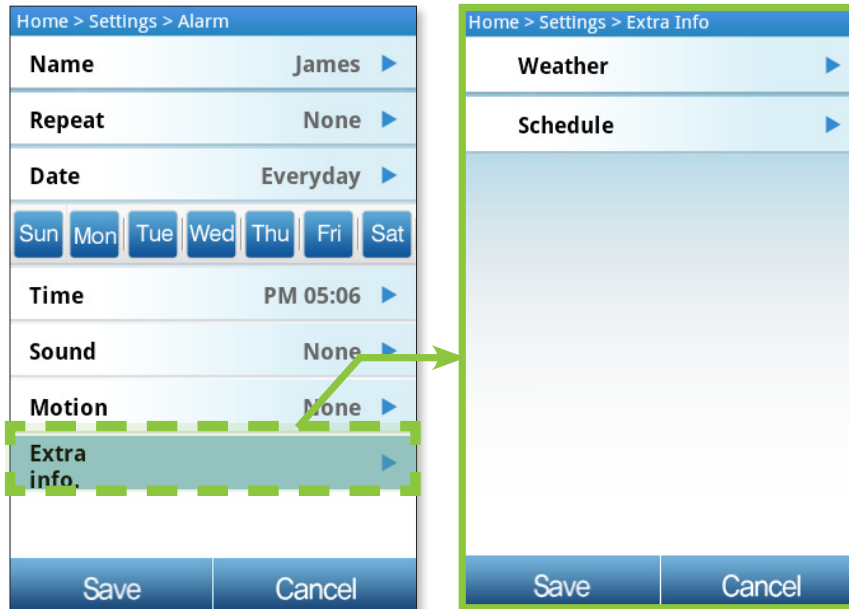
기지개 ☐

박수 ☐

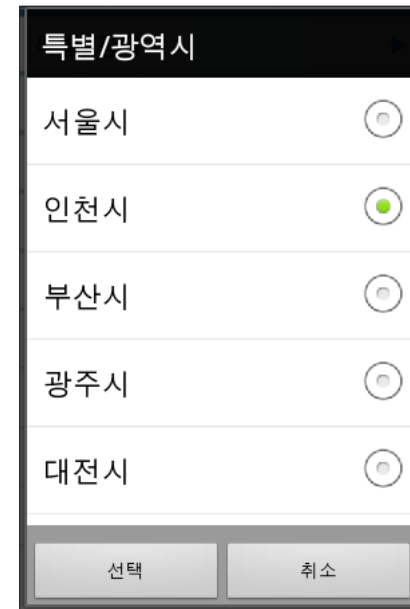
Confirm Cancel

4 Add user > Select location for weather report

1 Press **[Next info]** to setup weather report and Google schedule.



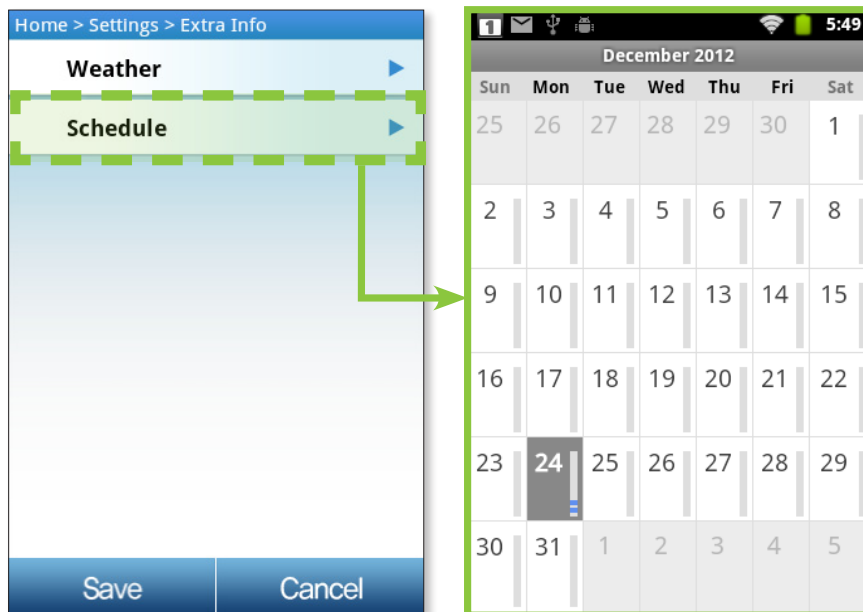
2 Press **[Weather]** to select the location to receive weather report for.



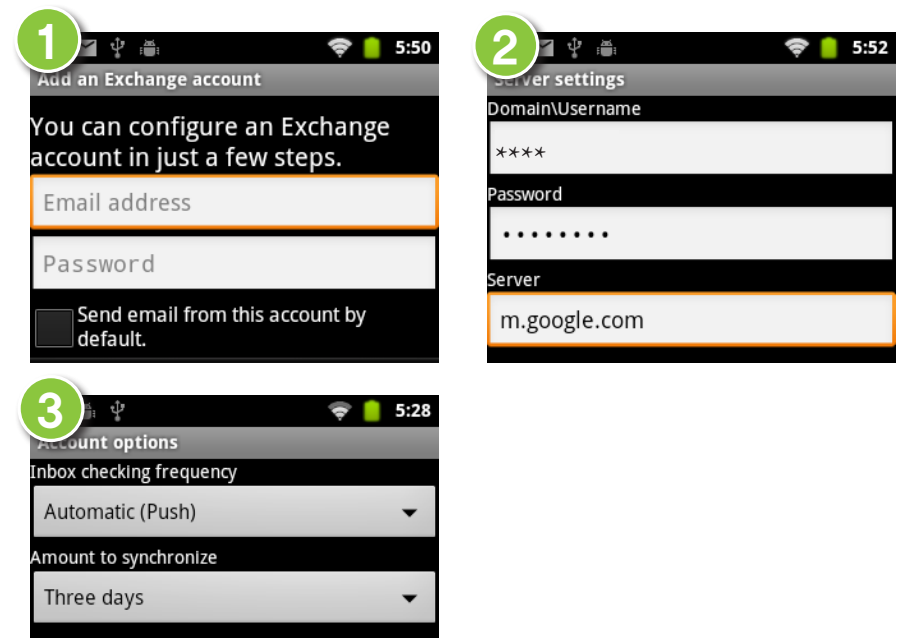
Part 03 | Play With Hovis Genie

5 Add user > Google schedule setup

- 1 If Google account has been registered, press [\[Google schedule\]](#) to check the schedule using the calendar.



- 2 If Google account has not been registered, screen for registering the Google account will appear.

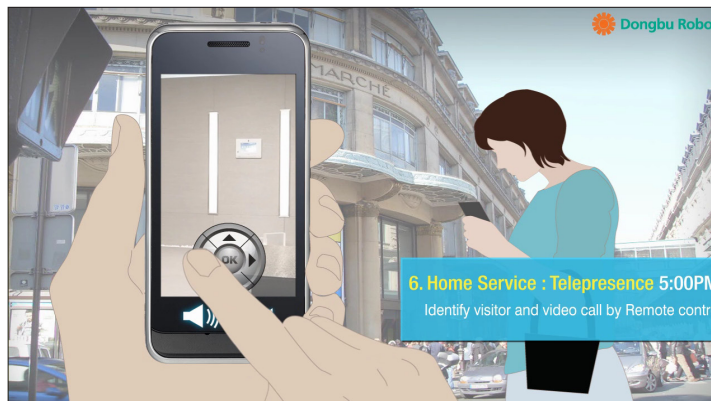


Part 03 | Play With Hovis Genie

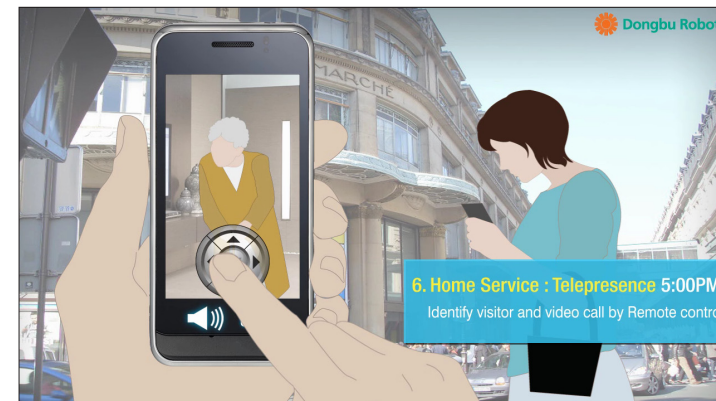
Remote Control

Add remote control App to the smartphone to monitor your home in real time, take photos, and control Genie from anywhere.

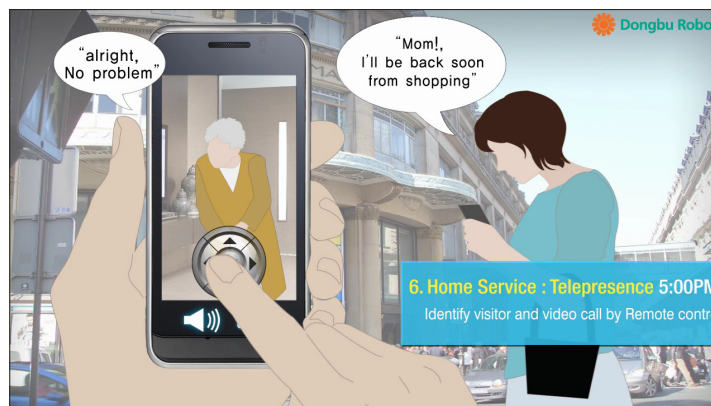
Home monitoring by Mrs. Dongbu



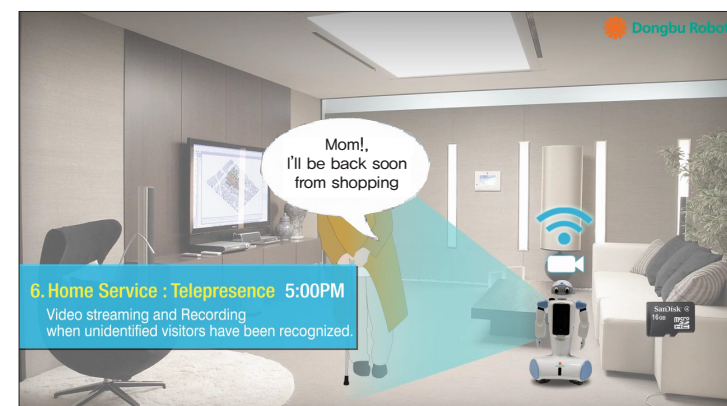
1 Mrs. Dongbu is out Grocery shopping. She is checking her home by remote control to make sure her elderly mother is well.



2 Mrs. Dongbu's mother just woke up and she is looking for her.



3 Mrs. Dongbu is using Genie to tell her mother she will be back home soon. Now, you can feel secure knowing you can check on your home at anytime from anyplace.



4 Mrs. Dongbu's mother is listening to her daughter through Genie and feels secure knowing she is not alone.

※ To send message to your home in real time, send txt message to Genie and Genie will read out the message aloud.

1 Connecting by smartphone

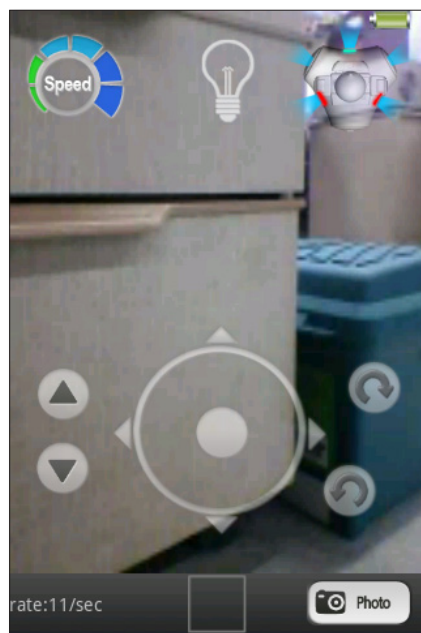
1 Download and install remote control App to your smartphone.

1 Remote control App can be downloaded from the Android market.

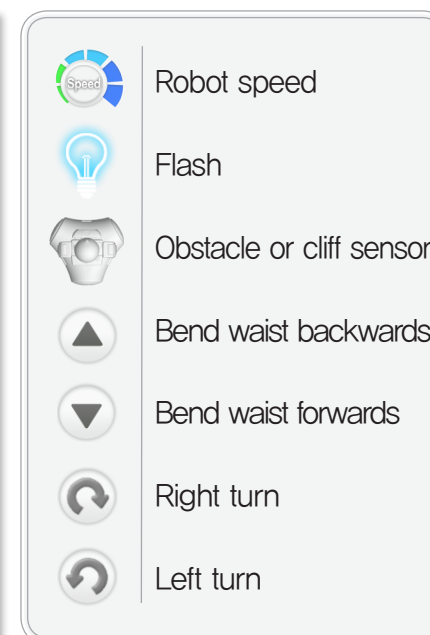
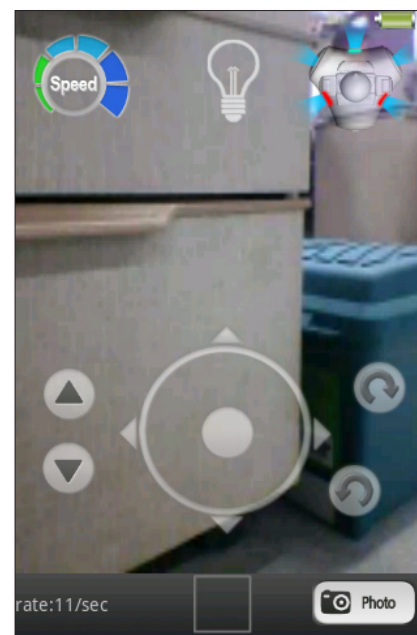
2 App can also be downloaded from the home page.

www.dongburobot.com > Customer support > For service > Archives

2 Login screen appears when App is executed.



3 Genie can be operated while looking at the screen.



4 Potential problems connecting to Genie.

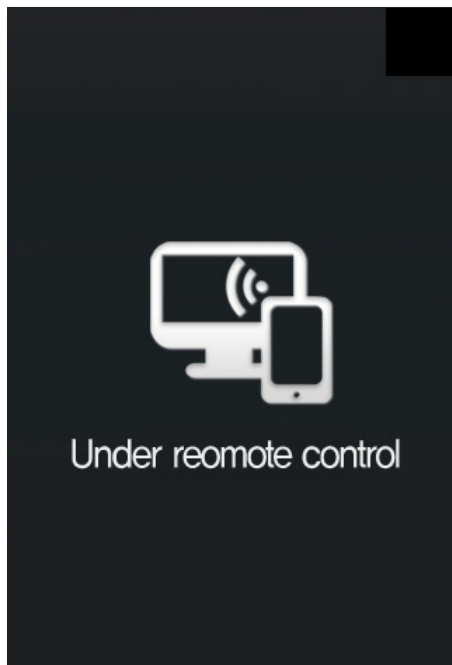
1 When robot power is off

2 When robot or the smartphone is not connected to the network.

3 When ID/password or smartphone number is not correct.
→ Find correct ID/password or use smartphone with the number registered with Genie. (Refer to Page 25)

2 Genie screen when under remote control from smart phone

- 1 Genie will stop autonomous operation or App execution when it receives remote control connection from the outside and screen will switch to remote control screen.
- 2 Genie screen will show “under remote control” when it comes under smartphone remote control.

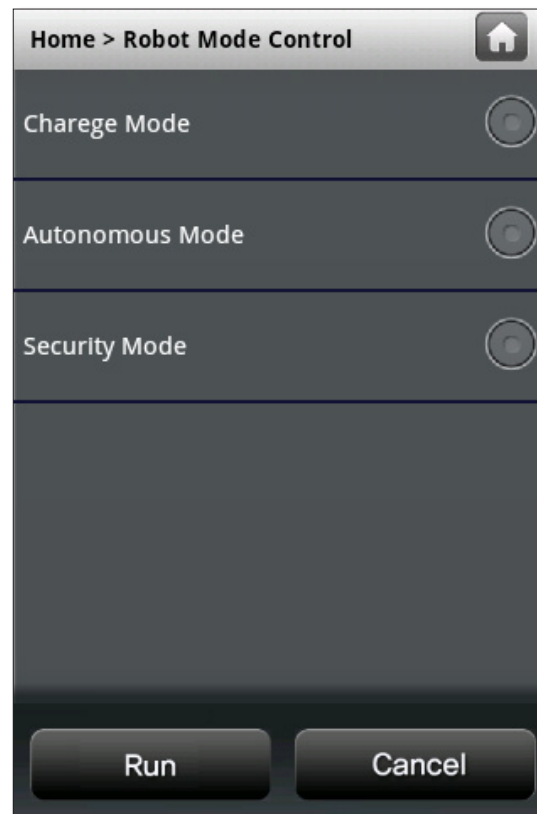
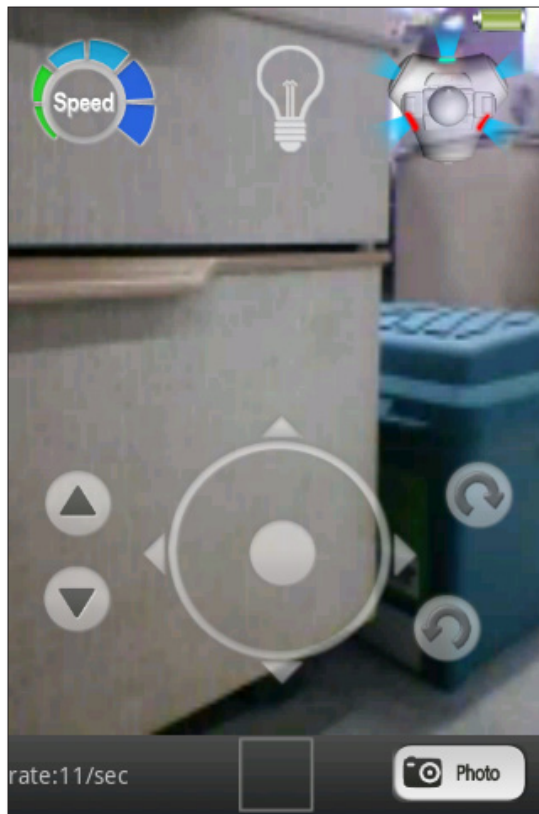


- 3 Genie will go back to previous screen when smartphone remote control connection ends.

3

Controlling robot mode with a smartphone: Reserve mode to run after smartphone remote control of the robot ends

- 1 To charge the robot using smartphone, Reserve **[Charge mode]** and press run. Reserved mode will run after smartphone remote control ends.



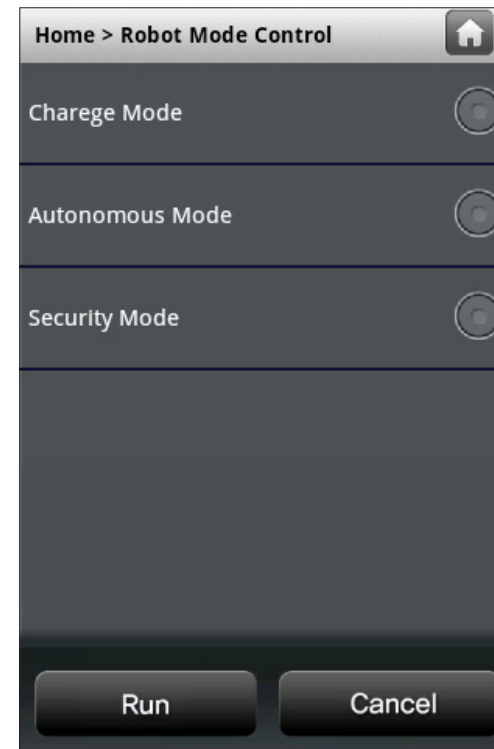
4 Controlling robot motion with smartphone: Used for controlling robot motion from away from home.

1 Press menu button and then press **[Motion list]**.

2 Pressing **[Motion list]** will open the motion list screen.
Select the desired motion to run.



3 Press **[Run]** to run the selected motion.



5 Using smartphone to make the robot talk : Used for making the robot talk from away from home.

1 Press menu button and then press [Robot talk].

2 Press [Send TTS] and type what you would like Genie to say.



3 Press [Run] and Genie will convert the received txt message to speech. Typed txt message can be saved in the [Speech list] by pressing [Save].

4 Pressing the [Speech list] will open a screen with list of saved txt messages that were sent by [Send TTS]. To send one of the saved messages again, select the message and press [Run].

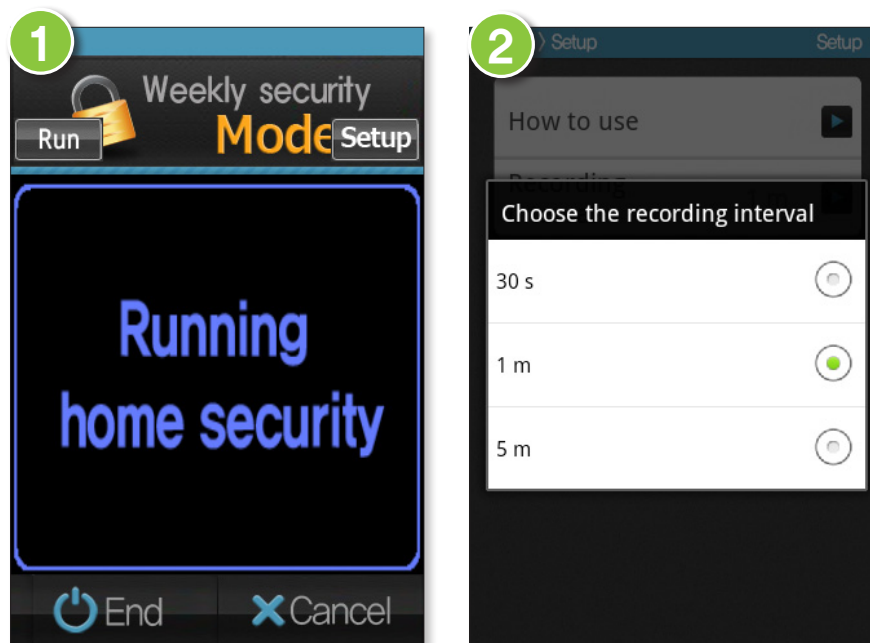


Part 03 | Play With Hovis Genie

Home security

While you are away, Genie can take photos of your home at specified intervals.

- 1 Press **[HOVIS App–Home security]** from the home screen. Home security application will start to run as soon as the screen changes to camera view.
- 2 Press **[Setup]** and then press **[Photo interval]** to open the screen for setting up photo interval.



- 3 Photos taken during home security mode can be viewed in **[Gallery–Home security]**.
- 4 Maximum of 50MB of photos (300 photos) can be saved. If the number of photos go over the maximum limit, photos will be deleted starting from the oldest photos to make room for new photos.

Part 03 | Play With Hovis Genie

Children's story

Play Children's stories

- 1 Press [Education] from the home screen and then press [Children's story].
- 2 Select the desired story from the story list.
- 3 Contents can be enlarged by rotating the screen to landscape mode.
- 4 Try using various functions in the play screen.
- 5 Press cancel button to return to the story list.



Part 03 | Play With Hovis Genie

Children's song

Play children's songs.

- 1 Press [Education] from the home screen and then press [Children's song].
- 2 Select the desired song from the song list.
- 3 Contents can be enlarged by rotating the screen to landscape mode.
- 4 Try using various functions in the play screen.
- 5 Press cancel button to return to the song list.



Part 03 | Play With Hovis Genie

Children's poem

Play children's poems.

- 1 Press [Education] from the home screen and then press [Children's poem].
- 2 Select the desired poem from the poem list.
- 3 Contents can be enlarged by rotating the screen to landscape mode.
- 4 Try using various functions in the play screen.
- 5 Press cancel button to return to the story list.



04

I want to ask Hovis Genie



- 60 Caution & Warning
- 64 FAQ
- 65 Service Guide
- 66 A/S Request
- 67 Product Specification



Warning

- To prevent product damage, fire, electric shock, and explosion from overload, DO NOT use chargers other than the one provided with the product or chargers specifically designed to be used the product.
- To prevent fire or damage to the product from over heating, DO NOT connect the charger to the travel voltage converters, adapters, mulitplugs, and voltage converters.
- To prevent overheating and fire, avoid connecting multiple plugs to sigle electric socket.
- To prevent fire and electric shock, DO NOT touch the charge with wet hands.
- **Becareful not to let sharp objects, children, or animals near the power cord.**
To prevent injury, fire, and electric shock, avoid bending the power cord or be pressed by a heavy object. Place the power cord in such a way as to avoid tripping over the cord.
- To prevent electric shock, fire, product damage, and personl injury, check the charger and the power cord for any dam ages or excessive wear before use. Charger with damages or excessive wear should not be used and relpaced with a new charger.
- During use, charger should be placed at well ventilated location such as the desk top and not covered with any material that could prevent ventilation. DO NOT place the charger inside a case or other type of enclousre during use.
- To prevent fire or electric shock, make sure the charger cable is plugged in prpoerly to the wall socket.

- To prevent fire and product damage, make sure the power from the wall socket matches the voltage and frequency as specified on the charger.
- To prevent electric shock and fire, do not touch the metal prongs of the charger plug when plugging or unplugging the plug from the wall socket.
- To prevent fire, electric shock, and personal injury, unplug the charger plug from the wall socket and from the robot when expecting thunderstorm accompanied by lightning. Do not touch the power cord during thunderstorm and leave the charger detached from the robot.
- **Product should only be disassembled or modified by the authorized service person. the product**
 (Contact the customer service found at back of user's manual)
 Damage to the product caused by non authorized person attempting to repair the product will void free service even during the free warranty period.
- To avoid fire or electric shock, DO NOT attach conducting material to the the robot charge terminal or to the charger terminal.
- To avoid degradation of performance, damage to the product, explosion, and fire, DO NOT expose the charging station and the robot to the temperature greater than 49°C(120°F), radiator or stove, electric heater, direct sunlight. Enclosed space without ventilation should also be avoided..
- To avoid damage to the product and personal injury, avoid using the robot at a location where there is danger of robot falling off. Less than firm ground and location with danger of vibration should also be avoided.
- To avoid electric shock or fire, DO NOT touch the robot charging terminal with conducting material.
- To avoid product damage or personal injury, avoid putting your finger between the robot joints and connections. Care should also be taken to prevent foreign material from getting caught in the robot joints and connections.

- To avoid personal injury and product damage, avoid sitting or stepping on the robot. Also, Do not place anything on the robot.
- To prevent electric shock or product damage, DO NOT pour water, liquid, or sand on the product. DO NOT wash the product.
- To prevent electric shock or product damage, avoid using the product in humid environment such as bathroom or swimming pool.
- Moving the robot from cold environment to warm or hot environment may cause condensation to form insided and outside of the product. To avoid damaging the product, turn off the power to the robot and let the humidity evaporate by leaving the robot in the new environment for at least an hour or more.
- Always use dry soft clothe to clean the robot exterior. Using wet clothe may cause electric shock , personal injury, or damage to the robot. Using rough clothe may damage the robot exterior.
- To prevent fire or product damage, remove obstacles or electrical wiring from the floor around the robot.



Caution

- To prevent external shock to the robot gears, motors, and to other parts, place the robot in the original carrier or other appropriate box when storing or transporting the robot.
- Battery will discharge naturally over period of time even though it is not used. Charge the battery prior to using the product again.
- To prevent damage or malfunction, do not drop the robot or inflict external shock to the robot.
- Robot may not respond immediately to the touch or remote control command while it is moving. Do not force the robot to respond, wait until the robot finishes moving before using touch or remote control command.
- Robot may not be able to move forward or fall down if the floor is uneven, slippery, at steep angle or when there are too many obstacles.
- To prevent damage or malfunction, do not place a magnet or magnetic object near the robot and avoid placing the robot at a location where it may be exposed to X-ray.
- To prevent damage, use the robot only indoors. Robot should not be used on rough concrete floor or other rough surface.
- Use the wrapping material that came with the robot or other appropriate wrapping material to wrap the robot head and body when robot is being stored for long period or being transported.
- Do not use oil or other lubricants on robot joints and other moving parts.

Check the following before contacting the customer service to report a malfunction.

- **Power does not come on.**
 - Battery maybe completely discharged. Place Hovis Genie on the charging station. (Refer to Pg10)
- **Battery is not charging.**
 - Check the charging station adapter to make sure it's plugged in.
 - Check the charging station and Hovis Genie charge terminals to make sure they are in contact.
 - If automatic charging is not working properly, check to make sure there is no obstacle between the charging station and Hovis Genie. Remove any obstacles found (Refer to Page 9).
- **Hove Genie wheel is not turning.**
 - Check the wheel for any foreign mateial that maybe prevent the wheel from turning.
 - Check the MID screen to see if Genie is in stop mode. Cancel the stop mode if Genie is in stop mode.
- **Eye and emoticon LEDs are lit but Genie is not moving/Genie is standing on one spot with arms shaking.**
 - Check the Hovis Genie battery level to make sure there is enough charge.
 - Turn off the power and then turn the power back on. Contact our customer service center if the same problem persists.
- **No sound.**
 - Check [Setup] to see if the volume level is set to minimum.
- **Can not download contents.**
 - Check the network sign.
 - Move Hovis Genie closer to the AP .

Part 04 | I want to ask Hovis Genie

Service guide



Customer rights

Customer has the 'right' to receive free service within 12month period from the date of purchase. However, malfunction or damage caused by a natural disaster or misuse by the consumer will not be covered under free service even within the 12 month period and any services provided will be charged.



Liability for charged services

In the event of following circumstances, consumer will be charged for any services provided even within the free service period.

1. Not product failure

- Service charge will occur when service is requested and no malfunction or defect is found to be present. We strongly recommend all owners to read the included user's manual to become familiar with the product.

2. Malfunction or damage due to misuse by the consumer

- Malfunction or damage due to unstable input power or power supply equipment.
- Malfunction or damage due to foreign material being inserted or sucked into the product.
- Malfunction or damage due to external shock.
- Missing or damage to the parts.
- Damage to the external case from corrosive material or liquid.

3. Other

- Damage or malfunction caused by natural disaster(lightning, fire, flood, wind, gas, salt water, earthquake, and etc)
- Replacement of battery and other consumables.

Part 04 | I want to ask Hovis Genie

Product specification

	Item	Detailed description
Robot	Model name	HOVIS Genie
	Szie	255(W) X 236.5(D) X 408.5(H)
	Weight	3.4kg
	Motor	11pcs
	Sensor	Obstacle detection sensor, cliff detection snsor, IR sensor, touch sensor Tactile sensor, localization sensor.
	Drive train	Omni-directional Drive / HerkuleX 0102 3ea
	Network	IR Receiver, ZigBee[option]
	External Speaker	External 2 way stereo Speaker(1W 2Ch)
	Battery capacity	7.4V / 3,000mAh / Li-Po
MID	Display	3.5" TFT(480X320)
	Screen input method	Capacitive Full Touch
	Main processor	MID : S5PC110, 1GHz
	Camera	Front Rear Camera
	Audio	1ch MIC
	Internal memory	256MB
	External memory	Micro SD 4G
	Network	Wi-Fi
Other	Remote control	IR type / ZigBee Remocon[Option]



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